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## **Dynamic anatomic relationship of coronary arteries to the valves. Part 2: tricuspid annulus and right coronary artery**

Hinzpeter, Ricarda ; Eberhard, Matthias ; Pozzoli, Alberto ; Manka, Robert ; Tanner, Felix C ;  
Taramasso, Maurizio ; Maisano, Francesco ; Alkadhi, Hatem

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# TRICUSPID VALVE INTERVENTIONS

## Dynamic anatomic relationship of coronary arteries to the valves. Part 2: tricuspid annulus and right coronary artery

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Functional tricuspid regurgitation (FTR) is the most frequent aetiology of tricuspid valve (TV) pathologies and is associated with increased morbidity and mortality<sup>1</sup>. Assessment and management of FTR has developed substantially, in particular because of the increased understanding of the long-term consequences of TV disease together with continued advances in transcatheter techniques<sup>2</sup>. Catheter-based repair requires detailed knowledge of the anatomy of the TV apparatus for planning and periprocedural assistance<sup>3</sup>. Particularly important is the right coronary

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artery (RCA), which is separated from the tricuspid annulus (TA) by only a few millimetres<sup>4</sup>.

This study comprehensively assessed the dynamic anatomic ...

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